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Please add new claims ~~41-47~~ as follows:

9 ~~104~~
--41. A method for identifying an estrogen surface receptor agonist, said method comprising:

a) contacting a cell with a test molecule, wherein said cell expresses an estrogen surface receptor, and

b) determining if said test molecule induces an estrogen surface receptor-mediated response in said cell in an estrogen surface receptor-specific manner, wherein induction of said estrogen surface receptor-mediated response in said cell in said estrogen surface receptor-specific manner is inhibited by tamoxifen, occurs when a membrane impermeable form of said test molecule is used, and indicates that said test molecule is said estrogen surface receptor agonist.

105 ~~10~~
42. The method of claim ~~41~~ 9, wherein said cell is an endothelial cell.

106 ~~11~~
43. The method of claim ~~41~~ 9, wherein said estrogen surface receptor is a human estrogen surface receptor.

107 ~~12~~
44. The method of claim ~~43~~ 11, wherein said estrogen surface receptor is ESR1.

108 ~~13~~
45. The method of claim ~~41~~ 9, wherein said determining step comprises measuring nitric oxide release from said cell.

109 ~~14~~
46. The method of claim ~~41~~ 9, wherein said determining step comprises measuring intracellular calcium levels within said cell.

110 ~~15~~
47. The method of claim ~~41~~ 9, wherein said determining step comprises measuring nitric oxide release from said cell and measuring intracellular calcium levels in said cell.--